**Week 12 Day 5 Task 1: Woking towards ARE**

* Start with 55p each, as five 10ps and five 1ps.
* Each child takes a turn at flipping a coin.
* **If it lands heads, add 11p.**
* **If it lands tails, subtract 11p**
* Write the calculation, e.g. 55 – 11 =
* Use 1-100 grids or bead strings to help calculate the answer,

e.g. 55 – 11 = 44.

* Adds to or subtracts from your money so you have the matching amount.
* Keep taking turns to flip the coin and add or subtract 11.
* When you are confident and good at this, divide the group into pairs.
* Play with a partner. Each choose an amount between 45p and 60p to start with. *How will you find 60p – 11p? 31p-11p?*
* Then take turns to flip the coin and add/subtract from your own amount.
* The first person to reach an amount less than 20p or more than 80p wins!

**Outcomes:**

I can add and subtract 11.

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| Learning Outcomes/Rubrics: | |
| I can add and subtract 11. |  |
| I can find which way to go to add or subtract ones and tens on 1-100 grid. |  |

**Day 5 task 2:**

Solve sheet 1.

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**Week 12 Day 5 Task 1: Woking at ARE**

**Pairs – independent or with TA**

* Play in pairs.
* Each place a counter on 55 on a 1-100 grid. Take it in turns to flip a coin.
* **If it lands heads, look at the additions** on the Add or Subtract sheet and pick one, e.g. you might choose to add 23. Move your counter accordingly. Your partner checks that you have performed the addition correctly.
* **If it lands tails, look at the subtractions** on the Add or Subtract sheet and choose one, e.g. you could subtract 11. Move your counter accordingly. Your partner checks that you have performed the subtraction correctly.
* The first player to reach any red number (multiple of 10) wins.
* Repeat as time allows.

**Outcomes:**

* I can add 12, 13, 22 or 23 and subtract 11 or 21.

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| Learning Outcomes/Rubrics: | |
| I can add 12, 13, 22 or 23 and subtract 11 or 21. |  |
| I can find which way to go to add or subtract ones and tens on 1-100 grid. |  |

**Day 5 task 2:**

Solve sheet 2

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**Week 12 Day 5 Task 1: Greater Depth**

**Pairs – independent or with TA**

* Play in pairs.
* Each place a counter on 55 on a 1-100 grid. Take it in turns to flip a coin.
* **If it lands heads, look at the additions** on the Add or Subtract sheet and pick one, e.g. you might choose to add 23. Move your counter accordingly. Your partner checks that you have performed the addition correctly.
* **If it lands tails, look at the subtractions** on the Add or Subtract sheet and choose one, e.g. you could subtract 11. Move your counter accordingly. Your partner checks that you have performed the subtraction correctly.
* The first player to reach any red number (multiple of 10) wins.
* Repeat as time allows.

**Outcomes:**

* I can add 12, 13, 22 or 23 and subtract 11 or 21.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can add 12, 13, 22 or 23 and subtract 11 or 21. |  |
| I can find which way to go to add or subtract ones and tens on 1-100 grid. |  |

**Day 5 task 2:**

Solve sheet 2.